

Preliminary Data Gap Analysis
Pebble Project Environmental Impact Statement

Resource: Terrestrial Wildlife (Birds and Mammals)			
Project Component	Analysis Component	Description	Data Recommendations
Mine Site	Effects Analysis	What will the metal concentrations in the open pit lake be after mine closure? This is important in evaluating effects for a variety of avian and terrestrial wildlife.	Has the anticipated chemical composition of the water in the pit lake during post-closure of the mine and into the foreseeable future been modeled? Has an Ecological Risk Assessment been conducted for the planned pit lake under modeled conditions? If so, please provide a copy of the report.
Transportation Corridor	Affected Environment and Effects Analysis	No information has been found on project-specific biological studies conducted along the transportation corridor from the North Ferry Terminal on Lake Iliamna and east to Happy Valley on the Kenai Peninsula.	Raptor nest locations along the entire transportation corridor from the North Ferry Terminal on Lake Iliamna through Happy Valley are needed.
Amakdedori Port	Affected Environment and Effects Analysis	No information has been found on project-specific biological surveys conducted around the proposed port location, or within the nearshore waters of Cook Inlet in that vicinity. It is important to know if this is a critical staging area for Steller's eiders or if the mudflats/bay around the Amakdedori Port site supports other sensitive wildlife species.	Raptor nest locations (particularly bald eagles) are needed around the proposed port location. It is essential to understand if the nearshore waters of the port are wintering, molting, and staging locations for sensitive avian species, therefore additional bird surveys at the port location during the appropriate seasonal survey windows would be useful.
Amakdedori Port	Effects Analysis	Biological Assessments would be prepared as needed for the proposed project. The proposed port is located within a potential	Draft and, if consultation is completed, final BAs would be included in the EIS as appendices. The EIS and BA would be aligned on effects analysis and conclusions. Generally

		Important Bird Area for Steller's eider (wintering and molting area), and the Port and Natural Gas Pipeline Transportation Corridor are located within potential locations for TES-listed marine mammals.	the EIS summarizes the BA and refers to the BA for the bulk of the effects analysis. BAs are requested as they are available.
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Data Reviewed

1. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 16, Wildlife and Habitat, Bristol Bay Drainages
2. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 17, Threatened and Endangered Species and Species of Conservation Concern, Bristol Bay Drainages
3. Pebble Project Environmental Baseline Document 2004 through 2008 (with updates in 2010), Chapter 41, Terrestrial Wildlife and Habitat, Cook Inlet Drainages
4. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 44, Marine Wildlife, Cook Inlet Drainages
5. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 45, Threatened and Endangered Species and Species of Conservation Concern, Cook Inlet Drainages